



MEETING AGENDA

Tuesday September 10, 2013

- 7:30 – 8:30 *Registration and Coffee*
- 8:30 – 8:35 **Introductions**
Igor Linkov (Department of Defense), **Trey Thomas** (Consumer Product Safety Commission), **Jeff Steevens** (Department of Defense)
- 8:35 – 8:50 **Welcome, NNI Overview, and Charge to Participants**
Altat Carim (Office of Science and Technology Policy)
- 8:50 – 9:00 **Activities since the 2010 NNI Capstone Meeting and Expectations**
Trey Thomas (Consumer Product Safety Commission)

SESSION 1: A Snapshot on the Perception, Assessment, and Management of the Potential Risks of Nanotechnology
Moderator: **Mark Wiesner** (Duke University)

- 9:00 – 9:20 **A Perspective from Industry**
Mark Banash (Nanocomp Technologies, Inc.)
- 9:20 – 9:40 **A Perspective from the Consumer Community**
Michael Hansen (Consumers Union)
- 9:40 – 10:00 **A Perspective from the Labor Community**
Darius Sivin (The International Union, United Automobile, Aerospace and Agricultural Implement Workers of America)

10:00 – 10:20 *Coffee Break*

- 10:20 – 10:40 **A Perspective from the Standards Community**
Ajit Jillavenkatesa (National Institute of Standards and Technology)
- 10:40 – 11:00 **A Perspective on Regulations**
Timothy F. Malloy (University of California Los Angeles)
- 11:00 – 11:20 **A Perspective from the NGO Community**
Jennifer Sass (Natural Resources Defense Council)
- 11:20 – 11:50 **Discussion with Panel of Morning Speakers**
- 11:50 – 12:00 **Charge to Breakout Participants**
Jeff Steevens (Department of Defense)

12:00 – 13:00 *Lunch (on your own)*



MEETING AGENDA (Cont.)

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SESSION 2: Breakout Session (PART 1)
(Allow for coffee break from 14:30-15:00)

13:00 – 16:00

Parallel Breakout Sessions by Type of Decision

Group 1: Occupational Risk Analysis and Decision Making

Chairs: **Paul A. Schulte** (The National Institute for Occupational Safety and Health)
Bruce Lippy (CPWR, The Center for Construction Research and Training)

Group 2: Commercial Product Life Cycle Stage

Chairs: **Rick Canady** (International Life Science Institute)
Todd Kuiken (Woodrow Wilson International Centre for Scholars)

Group 3: Environmental Life Cycle Implications

Chairs: **Tom Seager** (Arizona State University)
Matthew Hull (Virginia Polytechnic Institute and State University)

16:00 – 16:30

Coffee Break

SESSION 3: Report Back and Synthesis Conversation
Moderators: **Trey Thomas** (Consumer Product Safety Commission)
Christine Hendren (Duke University)

16:30 – 17:00

Summary of Breakout Sessions

Breakout Session Co-Chairs

17:00 – 17:15

Discussion and Public Comments



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Wednesday September 11, 2013

8:00 – 8:30

Coffee

8:30 – 8:45

Recap of Day 1 and Instructions for Day 2
Igor Linkov (Department of Defense)

SESSION 4:

Keynote Perspectives on Risk Analysis
Moderator: **Igor Linkov** (Department of Defense)

8:45 – 9:15

Broader Review and Perspectives on Risk Analysis
Baruch Fischhoff (Carnegie Mellon University)

9:15 – 9:45

Nanotechnology Multi-Stakeholder Risk Perception: Implications for Risk Analysis, Management, and Communication
Barbara Herr Harthorn (University of California Santa Barbara)

9:45 – 10:15

Coffee Break

SESSION 5:

Breakout Session (PART 2)

10:15 – 12:15

Parallel Breakout Sessions by Type of Decision Maker

Group 1: The Research Community

Chairs: **Christie Sayes** (Research Triangle Institute)
Jackie Isaacs (Northeastern University)

Group 2: The Regulatory Community

Chairs: **Rick Reibstein** (Massachusetts OTA)
Janet Carter (Occupational Safety and Health Administration)

Group 3: The Nanomanufacturing Community

Chairs: **Ahmed Busnaina** (Northeastern University)
Craig Bandes (Pixelligent Technologies)

Group 4: The Small Business Community

Chairs: **Doyle Edwards** (Brewer Science, Inc.)
Rick Pleus (Intertox, Inc.)

Group 5: The Financial Risk Community

Chairs: **Martha Marrapese** (Keller Heckman LLP)
Clayton Shoup (Zurich North America Risk Engineering)

Group 6: Other Public Communities

Chairs: **David Berube** (North Carolina State University)
Charles Geraci (The National Institute for Occupational Safety and Health)

Group 7: The NGO Community

Chairs: **Terry Gordon** (American Conference of Governmental Industrial Hygienists, NYC School of Medicine)
Carolyn Cairns (Independent Consultant)



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SESSION 7: *Report Back and Synthesis Conversation*
Moderators: **Jeff Steevens** (Department of Defense)
Carolyn Cairns (Independent Consultant)

12:15 – 13:00 **Summary of Breakout Sessions**
Breakout Session Co-Chairs

13:00 – 14:00 *Lunch (on your own)*

SESSION 8: *Parallel Roundtable Sessions & Concluding Remarks*

14:00 – 16:00 **Roundtable Discussion Groups:**

Group 1: *Needs and Perspectives of Emerging Businesses*
Moderator: **Jay West** (American Chemical Council)

Group 2: *A Sector-Based Approach: Perspectives from the Pharmaceutical Industry*
Moderators: **Frank Malinoski** (Liquidia Technologies, Inc.) and **Lawrence Tamarkin** (Cytimmune Sciences, Inc.)

Group 3: *Public Risk Perception and Communication*
Moderator: **Barbara Herr Harthorn** (University of California Santa Barbara)

16:00 – 16:30 *Coffee Break*

16:30 – 17:00 **Summary and Discussion of Roundtable Sessions**
Moderator: **Jeff Steevens** (Department of Defense)

17:00 – 17:15 **Discussion and Public Comments**

17:15 – 17:30 **Concluding Remarks**